

Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently amended) A method of making an oxidation protective coating for a carbon/carbon composite, the method comprising:
 - (a) spraying a mixture comprising[[of]] a vehicle liquid and Si powder on the carbon/carbon composite and drying the mixture to remove the vehicle liquid; ~~and~~
 - (b) heat-treating to allow the carbon/carbon composite to be impregnated with the Si, thereby forming an SiC layer and an Si layer, wherein the heat-treating is performed at a temperature of 1400°C to about 1600°C under a pressure of about 10 mTorr to about 1000 mTorr; and
 - (c) oxidizing the Si layer to form an ~~SiO₂~~ SiO₂ film.
- 2.-3. (Canceled)
4. (Previously amended) The method of claim 1, wherein the vehicle liquid is a volatile alcohol.
5. (Canceled)
6. (Previously amended) The method of claim 1, wherein the oxidizing of the Si layer is performed at a temperature of about 400°C to about 800°C.
7. (Withdrawn) A coated carbon/carbon composite made according to the method of claim 1.
8. (Canceled)